energy absorbed by a plate is evidently a function of the velocity of impact. Results obtained with plates of one class have indicated that limiting velocities may be represented to advantage by means of the relation: $V=(psd^2/M\cos\theta)\ F(s/d,\theta)$ (V, limiting velocity, θ, angle of obliquity, s, plate thickness, d, projectile diameter, M, mass of projectile). F is a slowly varying coefficient expressing the ratio of normal momentum required to that for some definite set of values of s/d and θ. P is a specific value of normal momentum per unit volume of button punched. A number of rounds fired at thin plate with large angles of obliquity were averaged by means of this expression. Results showed unexpected co-ordination with thick plate data for small angles, in view of the tendency of thin plate to bend and dish with oblique impact.

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